

ABSTRACT OF THE DISCLOSURE

A computed radiography cassette comprising: a shell including upper and lower panels joined to first and second side members and a front end member to form a five sided cavity having an open end; a storage phosphor assembly including a back end member, an insert plate having an upper face and being cantilevered from said back end member, and an x-ray storage phosphor disposed on said upper face of said insert plate, wherein said storage phosphor assembly is removably contained in said shell such that said back end member closes off said open end of said shell; wherein said upper panel is of x-ray transmissive material; and wherein said insert plate and said lower panel are made of x-ray opaque material having aligned sections thereof of x-ray transmissive material which allow x-rays to pass through said sections to an x-ray detector adapted to be located adjacent to said cassette.